

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

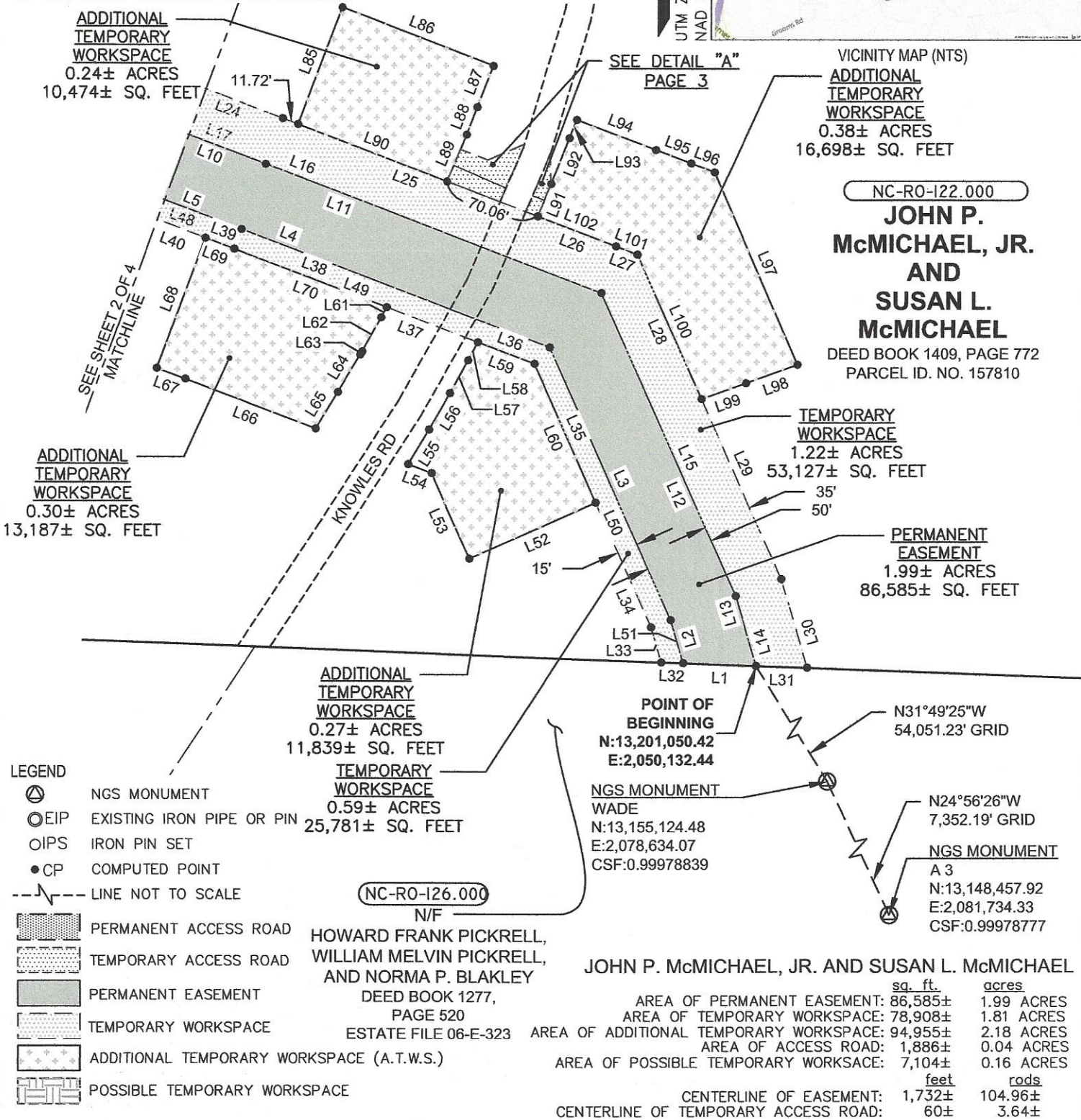
## **Exhibit 71 to Complaint**

Map of MVP Parcel No. NC-RO-122.000

NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 1409, PAGE 772
5. PARCEL ID: 157810
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO UTM ZONE 17 N NAD 83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A



- LEGEND
- NGS MONUMENT
  - EXISTING IRON PIPE OR PIN
  - IRON PIN SET
  - COMPUTED POINT
  - LINE NOT TO SCALE

- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
- POSSIBLE TEMPORARY WORKSPACE

NC-RO-126.000  
N/F  
HOWARD FRANK PICKRELL,  
WILLIAM MELVIN PICKRELL,  
AND NORMA P. BLAKLEY  
DEED BOOK 1277,  
PAGE 520  
ESTATE FILE 06-E-323

JOHN P. McMICHAEL, JR. AND SUSAN L. McMICHAEL

	sq. ft.	acres
AREA OF PERMANENT EASEMENT:	86,585±	1.99 ACRES
AREA OF TEMPORARY WORKSPACE:	78,908±	1.81 ACRES
AREA OF ADDITIONAL TEMPORARY WORKSPACE:	94,955±	2.18 ACRES
AREA OF ACCESS ROAD:	1,886±	0.04 ACRES
AREA OF POSSIBLE TEMPORARY WORKSPACE:	7,104±	0.16 ACRES

	feet	rods
CENTERLINE OF EASEMENT:	1,732±	104.96±
CENTERLINE OF TEMPORARY ACCESS ROAD:	60±	3.64±

I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 1409 page 772; that the ratio of precision as calculated is 1:10,000±; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 9th day of May, 2020

THOMAS WARNER KIMMEL, PLS L 3674

LAND OWNER INITIALS: \_\_\_\_\_ DATE: \_\_\_\_\_

TRC ENGINEERS, INC  
2200 LIBERTY AVENUE,  
SUITE 100  
PITTSBURGH, PA 15222  
PH: (724) 749-8572 tkimmel@trcsolutions.com  
NC CORPORATE LICENSE No. F-0591



SEE SHEET 4 OF 4 FOR LINE TABLES

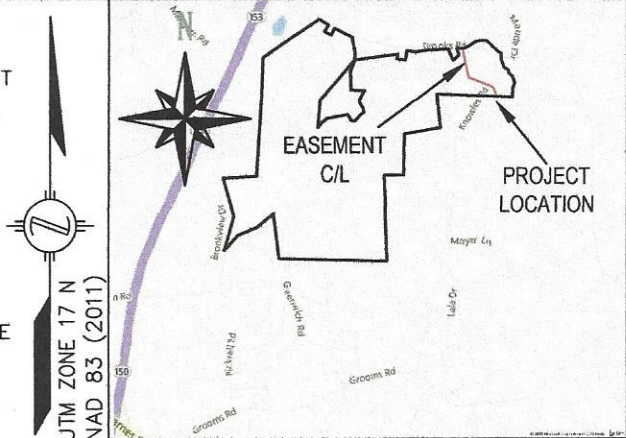
EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF REIDSVILLE ROCKINGHAM COUNTY, NORTH CAROLINA				
Mountain Valley PIPELINE, LLC				
PIPELINE EASEMENT IN PROPERTY OF JOHN P. McMICHAEL, JR. AND SUSAN L. McMICHAEL				
NC-RO-122.000 DEED BOOK 1409, PAGE 772				
NC-RO-122.000				
Drawn By:	Chk'd By:	App'd By:	TRC Proj. No.	Scale:
AHP	DD	TWK	300423	1"=100'
Drawn Date:	1/31/19	DD	Sheet:	MVP Proj. No.
1 OF 4				
100 50 0 100 GRAPHIC SCALE IN FEET				
REVISIONS				
1	1/31/2019		ISSUE FOR REVIEW	
2	4/22/2020	MSF	GENERAL REVISIONS	TWK
3	5/9/220	DD	REVISED ADJOINER	TWK
No.	Date	Rev By	Description	Checked



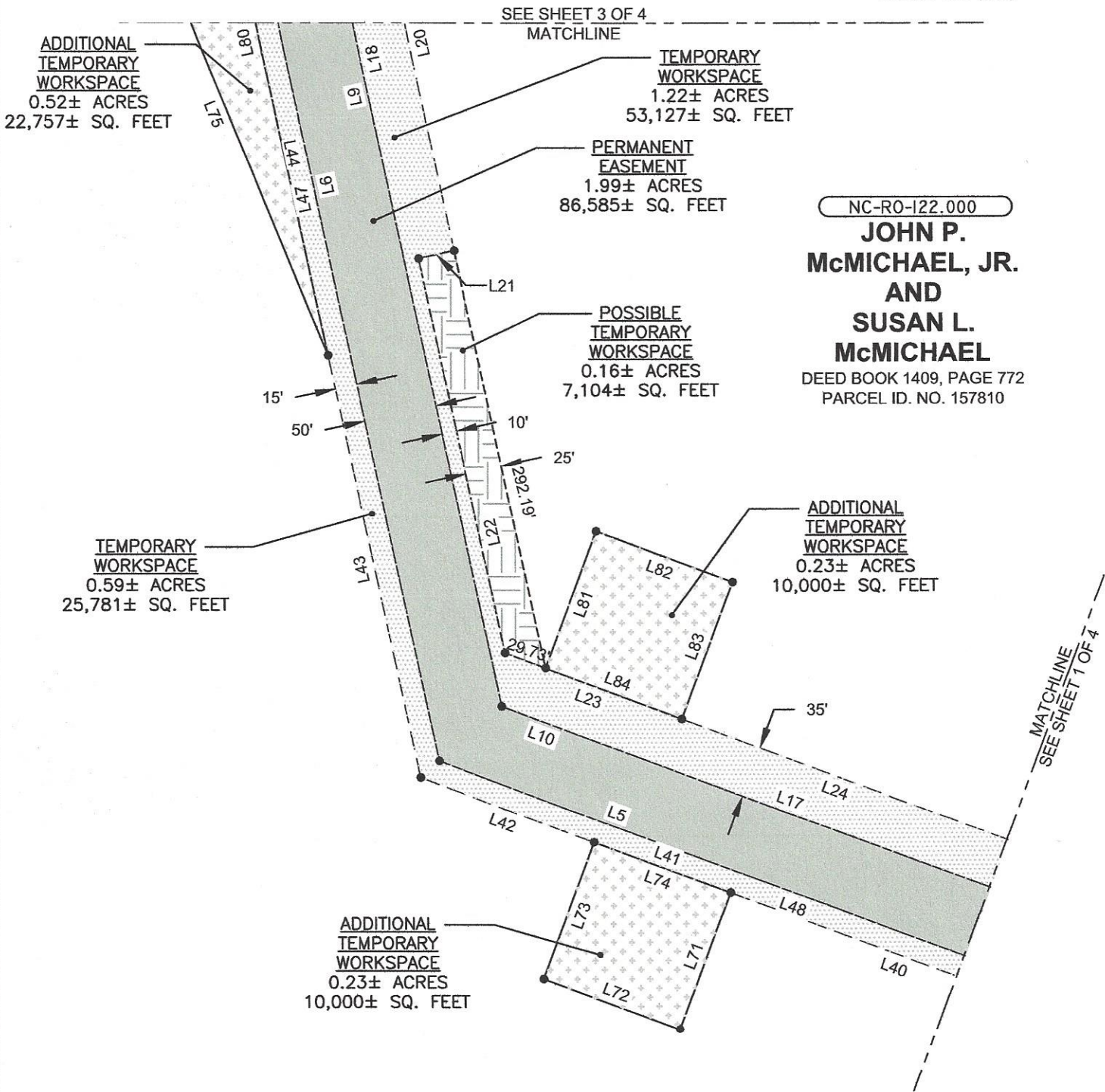
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10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A

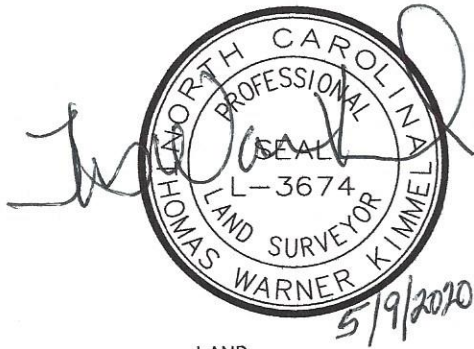


VICINITY MAP (NTS)



LEGEND

- NGS MONUMENT
- EXISTING IRON PIPE OR PIN
- IRON PIN SET
- COMPUTED POINT
- LINE NOT TO SCALE
- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
- POSSIBLE TEMPORARY WORKSPACE



LAND OWNER INITIALS: \_\_\_\_\_  
DATE: \_\_\_\_\_

SEE SHEET 4 OF 4 FOR LINE TABLES

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF REIDSVILLE ROCKINGHAM COUNTY, NORTH CAROLINA			
PIPELINE EASEMENT IN PROPERTY OF JOHN P. McMICHAEL, JR. AND SUSAN L. McMICHAEL			
NC-RO-122.000 DEED BOOK 1409, PAGE 772			
Drawn By: AHP	Chk'd By: DD	App'd By: TWK	Scale: 1"=100'
Drawn Date: 1/31/19		Sheet: 2 OF 4	MVP Proj. No.
100 50 0 100 GRAPHIC SCALE IN FEET			
REVISIONS			
1	1/31/2019	ISSUE FOR REVIEW	
2	4/22/2020	GENERAL REVISIONS	TWK
3	5/9/2020	REVISED ADJOINER	TWK
No.	Date	Rev By	Description
			Checked







EXHIBIT A

PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	N87°52'14"W	52.72'
L2	N16°21'17"W	32.26'
L3	N24°01'35"W	214.63'
L4	N69°20'48"W	238.46'
L5	N69°32'47"W	443.56'
L6	N12°18'25"W	801.89'
L7	N87°37'20"E	23.65'
L8	N88°33'24"E	27.19'
L9	S12°18'25"E	765.40'
L10	S69°32'47"E	416.36'
L11	S69°20'48"E	259.42'
L12	S24°01'35"E	238.86'
L13	S16°21'17"E	52.33'

TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L14	N16°21'17"W	52.33'
L15	N24°01'35"W	238.86'
L16	N69°20'48"W	259.42'
L17	N69°32'47"W	416.36'
L18	N12°18'25"W	753.51'
L19	N88°38'18"E	35.65'
L20	S12°18'25"E	435.44'
L21	S77°41'35"W	25.00'
L22	S12°18'25"E	276.11'
L23	S69°32'46"E	129.73'
L24	S69°32'47"E	297.32'
L25	S69°20'48"E	197.07'
L26	S69°20'48"E	60.56'
L27	S69°20'47"E	16.47'
L28	S24°01'35"E	113.98'
L29	S24°01'35"E	141.84'
L30	S16°21'17"E	66.38'
L31	N87°52'14"W	36.90'
L32	N87°52'14"W	15.82'
L33	N16°21'17"W	26.24'
L34	N24°01'35"W	98.40'
L35	N24°01'35"W	108.96'
L36	N69°20'47"W	43.70'
L37	N69°20'45"W	70.53'
L38	N69°20'50"W	117.94'
L39	N69°32'46"W	22.15'
L40	N69°32'47"W	202.38'
L41	N69°32'46"W	100.00'
L42	N69°32'46"W	127.18'
L43	N12°18'25"W	295.27'
L44	N12°18'25"W	496.62'
L45	N12°18'25"W	9.09'

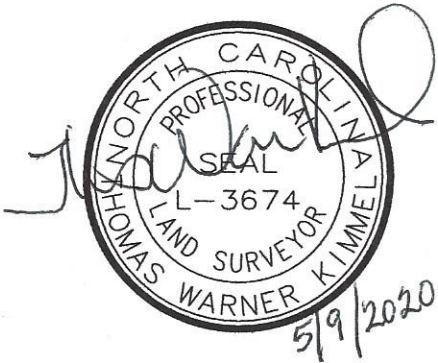
TEMPORARY WORKSPACE		
L46	N87°40'46"E	15.23'
L47	S12°18'25"E	790.15'
L48	S69°32'47"E	443.56'
L49	S69°20'48"E	238.46'
L50	S24°01'35"E	214.63'
L51	S16°21'17"E	32.26'

ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L52	S65°58'25"W	100.00'
L53	N24°01'35"W	67.22'
L54	N69°19'10"W	18.11'
L55	N31°24'14"E	29.00'
L56	N30°06'54"E	30.40'
L57	N28°52'20"E	26.97'
L58	N27°57'35"E	14.95'
L59	S69°20'47"E	43.70'
L60	S24°01'35"E	108.96'
L61	S28°13'35"W	8.41'
L62	S29°03'45"W	28.20'
L63	S31°11'34"W	2.61'
L64	S31°11'32"W	31.42'
L65	S31°11'35"W	30.84'
L66	N69°20'48"W	100.67'
L67	N69°32'47"W	21.98'
L68	N20°27'13"E	100.00'
L69	S69°32'46"E	22.15'
L70	S69°20'50"E	117.94'
L71	S20°27'14"W	100.00'
L72	N69°32'47"W	100.00'
L73	N20°27'13"E	100.00'
L74	S69°32'46"E	100.00'
L75	N22°30'22"W	364.10'
L76	N22°30'22"W	95.40'
L77	N22°30'23"W	25.85'
L78	N22°30'23"W	32.22'
L79	N85°37'57"E	92.54'
L80	S12°18'25"E	496.62'
L81	N20°27'14"E	100.00'

ADDITIONAL TEMPORARY WORKSPACE		
L82	S69°32'46"E	100.00'
L83	S20°27'14"W	100.00'
L84	N69°32'46"W	100.00'
L85	N20°39'35"E	90.15'
L86	S69°08'51"E	117.13'
L87	S21°19'30"W	31.88'
L88	S21°17'37"W	21.27'
L89	S22°36'00"W	36.62'
L90	N69°20'48"W	115.28'
L91	N22°44'17"E	25.40'
L92	N21°39'39"E	38.80'
L93	N22°26'54"E	10.82'
L94	S69°20'48"E	61.10'
L95	S69°20'49"E	27.12'
L96	S69°20'47"E	18.17'
L97	S23°26'13"E	151.07'
L98	S70°28'18"W	39.48'
L99	S70°28'19"W	34.19'
L100	N24°01'35"W	113.98'
L101	N69°20'47"W	16.47'
L102	N69°20'48"W	60.56'

CENTERLINE OF TEMPORARY ACCESS ROAD		
LINE TABLE		
LINE	BEARING	DISTANCE
L103	N69°20'48"W	9.20'
L104	S66°55'01"E	41.08'
L105	N12°18'25"W	9.54'

SEE SHEET 1-3 OF 4 FOR GRAPHICS AND LABELS



LAND  
OWNER  
INITIALS: \_\_\_\_\_  
DATE: \_\_\_\_\_

SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF REIDSVILLE ROCKINGHAM COUNTY, NORTH CAROLINA			
PIPELINE EASEMENT IN PROPERTY OF JOHN P. McMICHAEL, JR. AND SUSAN L. McMICHAEL			
NC-RO-122.000 DEED BOOK 1409, PAGE 772			
NC-RO-122.000			
Drawn By: AHP 1/31/19	Chk'd By: DD	App'd By: TWK	TRC Proj. No. 300423 Sheet: 4 OF 4 Scale: NTS MVP Proj. No.
REVISIONS			
1	1/31/2019		ISSUE FOR REVIEW
2	4/22/2020	MSF	GENERAL REVISIONS
3	5/9/220	DD	REVISED ADJOINER
No.	Date	Rev By	Description
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